



Effective Environmental Risk Assessment

conducted for

Casa Hortaleza

Location

CM-420, 13600 Alcázar de San Juan, Cdad. Real, Spain

Conducted on

09 Nov 2018 01:55 PM

Prepared by

Antoine Escavar

Completed on

09 Nov 2018 03:32 PM

Score


0/0.0 - 0.00%


Actions


#1. Please ensure that all of the proper disposal practices are in place. Please calibrate this to responsible teams.


Assignee: shen2209@gmail.com
Priority: HIGH
Due Date: 10 Nov 2018 03:00 PM
Audit: Casa Hortaleza / 09 Nov 2018 / Antoine Escavar
Linked to item: What measures will you take to reduce the risk? Who is responsible for what?
Status: To Do

Audit

Question	Response	Details
Environmental Risk Assessment		
Problem Formulation		
What needs to be protected from harm?	We are a factory emitting harmful chemicals and pollutants and we want to protect a nearby community from acquiring health risks. We are also doing some renovations or demolitions.	
Hazard Characterization		
Click + to add a risk or hazard		
Hazard 1		
Please select potential risk present in the workplace	Other hazards	
Please specify risk	Asbestos	
Take a photo (optional)		
		
Appendix 1		
What are the possible effects?	<ul style="list-style-type: none"> - Asbestos-related lung diseases such as asbestosis - mesothelioma - laryngeal effects 	
Exposure Characterization		
Probability of exposure	High	
Risk Characterization		
Severity	Major Injuries	
Likelihood	Likely	
Risk rating	High	
Control Measures		

Question	Response	Details
What measures will you take to reduce the risk? Who is responsible for what?		<ul style="list-style-type: none"> - Remove any asbestos-containing materials safely - Conduct regular inspections of the site - Perform air monitoring and keep records. - Complete regular assessments of asbestos risks. - Communicate asbestos hazards to workers. - Use proper work practices and controls to limit exposures. - Offer respiratory protection if exposure limits are exceeded. - Provide asbestos awareness training.
Hazard 2		
Please select potential risk present in the workplace	Toxic Waste	
Take a photo (optional)  Appendix 2		
What are the possible effects?		<ul style="list-style-type: none"> - Water and soil pollution - Lung diseases - Contamination and poisoning
Exposure Characterization		
Probability of exposure	High	
Risk Characterization		
Severity	Minor Injuries	
Likelihood	Likely	
Risk rating	Medium	
Control Measures		

Question	Response	Details
What measures will you take to reduce the risk? Who is responsible for what?		1. Dispose all toxic wastes properly. 2. Keep the amount of toxic material in storage as small as possible. 3. For larger containers such as drums or barrels, provide dikes around the storage area and sills or ramps at door openings. 4. Storage tanks are above ground and surrounded with a dike capable of holding entire contents.
Hazard 3		
Please select potential risk present in the workplace	Noise and Vibration	
Take a photo (optional)  Appendix 3		
What are the possible effects?	<ul style="list-style-type: none"> - cause hearing loss - annoy and interfere with speech - interfere with concentration and thought processes - disturb sleep - cause fatigue and aggression - reduce immune response - lead to heart disease 	
Exposure Characterization		
Probability of exposure	Medium	
Risk Characterization		
Severity	Negligible Injuries	
Likelihood	Likely	
Risk rating	Medium	
Control Measures		

Question	Response	Details	
<p>What measures will you take to reduce the risk? Who is responsible for what?</p>		<ul style="list-style-type: none"> - Separate the noisy area from other workspaces. - enclosure of noisy machinery with sound-absorbing material (effect may be limited unless total enclosure is achieved) - avoiding metal-to-metal contact by using plastic bumpers - using absorbent lining on surfaces to cushion the fall or impact of objects - fitting sound-absorbing materials to hard reflective surfaces - using conveyor belts rather than rollers - using acoustical silencers in intake and exhaust systems - using rubber mounts to isolate vibrating noise source to separate it from the surface it's mounted to - maintaining optimum speed of machinery or its particular components - repairing and replacing loose rotating parts, worn bearings and gears - using sound-absorbing material on walls, ceiling and floors to reduce the noise level due to reverberation - undertaking regular maintenance on equipment (very effective in reducing noise emission if carried out regularly). <p>https://www.iosh.co.uk/Books-and-resources/Our-OH-to-olkit/Noise/Noise-control-measures.aspx</p>	
<p>Overall risk assessment</p>			
<p>Please rate the risk</p>	<p>High</p>		
<p>Recommendations</p>	<p>Team leads should conduct regular environmental risk assessment.</p>		
<p>Completion</p>			
<p>Full Name and Signature of Inspector</p>	<p>Antoine Escavar</p>	<p>09 Nov 2018 03:31 PM</p>	

Media



Appendix 1



Appendix 2



Appendix 3